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Power Group II, LLC
An Energy Company - Alliance Builder



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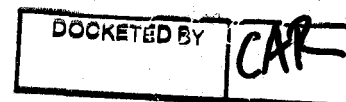
Arizona Corporation Commission

January 31, 2005

DOCKETED

FEB 02 2005

Ms. Colleen Ryan, Supervisor
Document Control Center
Arizona Corporation Commission
1200 West Washington
Phoenix, Arizona 85007



Re: Annual Ten-Year Plan For Bowie Power Station, L.L.C.
(Docket No. L-00000BB-01-0118)

Dear Ms. Ryan:

Pursuant to Arizona Revised Statutes (A.R.S. 40-360.02), Bowie Power Station L.L.C. ("Bowie") hereby submits its current (January 31, 2005) Ten-Year Plan for the fully permitted electric generating station and associated transmission line. In order to simplify the current plan for the reader, Bowie will differentiate changes made from the Ten-Year Plan of January 2003 & 2004. For reference, both the January 2003 and 2004 plan is provided at the end of this letter. The same organization requirements specified in A.R.S. 40-360.02, and protocol used in the 2003 & 2004 Ten-Year Plan will be followed in this plan. The requirements within the revised statutes are formatted in italics, and are followed by Bowie's response in normal (non-italicized) type.

1. *The size and proposed route of any transmission lines or location of each plant proposed to be constructed.*

There are no known changes in the size and proposed route of transmission line or location of the proposed power plant. This is consistent with the 2003 and 2004 Ten-Year Plan. Discussions with the Arizona State Land Department (ASLD) in regard to Bowie's transmission corridor have terminated until contractual arrangements are executed with load-serving entities in the United States or in Mexico. In the event Bowie enters into a contractual arrangement with a potential power purchaser, discussions will be renewed with the ASLD and appropriate filings will be made with the Arizona Power Plant and Transmission Line Siting Committee and as needed other regulatory entities.

2. *The purpose to be served by each proposed line or plant.*

There are no known changes in the purpose of the proposed line or power plant as specified in the 2003 and 2004 Ten-Year Plan. See Response No. 1 above as to current discussions and investigations that are ongoing.

3. *The estimated date by which each transmission line or plant will be in operation.*

Bowie is in the process of renewing its air permit and anticipates the permit to be renewed in June 2005. Construction schedule remains the same and is dependent on

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power purchasers in either Arizona or Mexico. Bowie anticipates commencing construction for the power station in the following time sequence:

Phase 1	4 th quarter 2006
Phase 2	4 th quarter 2007

The anticipated commercial in-service operation for the 345 kV and 230 kV transmission facilities associated with the power station will be no later than 4th quarter 2006. Construction of both the transmission facility and power station will commence concurrently after a contractual arrangement is entered into with a power purchaser.

4. The average and maximum power output measured in megawatts of each plant installed.

There are no known changes on the average and maximum power output as specified in the 2003 and 2004 Ten-Year Plan.

5. The expected capacity factor for each proposed plant.

There are no known changes on the expected capacity factor for the proposed power plant as specified in the 2003 and 2004 Ten-Year Plan.

6. The type of fuel to be used for each proposed plant

There are no known changes on the type of fuel to be used for the proposed power plant as specified in the 2003 and 2004 Ten-Year Plan.

7. The plans' for any new facilities shall include a power flow and stability analysis report showing the effect on the current Arizona electric transmission system. Transmission owners shall provide the technical reports, analysis or basis for projects that are included for serving customer load growth in their service territories.

There are no known changes or updates to the Interconnection System Impact Study completed in cooperation with Tucson Electric Power submitted with the 2003 Ten-Year Plan.

In the event you have any questions regarding the above, please feel free to contact me at (602) 808-2004.

Sincerely,



Tom Wray
General Manager

Cc:

Ernest Johnson w attachments (Utility Director)
Jerry Smith w attachments (Utility Engineer)
Gary Crane w/o attachments (SWPG)
Laurie Woodall w attachments (Chairman, Siting Committee)
Lawrence V. Robertson w attachments (Munger Chadwick, PLC)

ATTACHMENTS

SOUTHWESTERN
Power Group II, LLC
An Energy Company - Alliance Builder

January 31, 2004

Ms. Colleen Ryan, Supervisor
Document Control Center
Arizona Corporation Commission
1200 West Washington
Phoenix, Arizona 85007

Re: Annual Ten-Year Plan For Bowie Power Station, L.L.C.

Dear Ms. Ryan:

Pursuant to Arizona Revised Statutes (A.R.S. 40-360.02), Bowie Power Station L.L.C. ("Bowie") hereby submits its current (January 31, 2004) Ten-Year Plan for the fully permitted electric generating station and associated transmission line. In order to simplify the current plan for the reader, Bowie will differentiate changes made from the Ten-Year Plan of January 2003. For reference, the January 2003 plan is provided at the end of this letter. The same organization requirements specified in A.R.S. 40-360.02, and protocol used in the 2003 Ten-Year Plan will be followed in this plan. The requirements within the revised statutes are formatted in *italics*, and are followed by Bowie's response in normal (non-italicized) type.

1. *The size and proposed route of any transmission lines or location of each plant proposed to be constructed.*

There are no changes in the size and proposed route of transmission line or location of the proposed power plant from the 2003 Ten-Year Plan. There are discussions currently in progress with the Arizona State Land Department (ASLD) in regard to Bowie's transmission corridor, which might result in a change of alignment. In addition, Bowie is investigating the feasibility of power sales to customers located in Mexico, which would entail the construction of transmission facilities to the United States - Mexico international boundary. In such event(s), and if necessary, an appropriate filing or filings will be made to reflect such development(s).

2. *The purpose to be served by each proposed line or plant.*

There are no changes in the purpose of the proposed line or power plant from the 2003 Ten-Year Plan. See Response No. 1 above as to current discussions and feasibility investigation.

3. *The estimated date by which each transmission line or plant will be in operation.*

4350 East Camelback Road • Suite B175 • Phoenix, Arizona 85018
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All permits to begin construction of the Bowie Power Station have been obtained. Bowie currently anticipates that construction will commence for the power station in the following time sequence:

Phase 1 4th quarter 2006

Phase 2 4th quarter 2007

The anticipated commercial in-service operation for the 345 kV and 230 kV transmission facilities associated with the power station will be no later than 4th quarter 2006.

4. The average and maximum power output measured in megawatts of each plant installed.

There are no changes on the average and maximum power output from the 2003 Ten-Year Plan

5. The expected capacity factor for each proposed plant.

There are no changes on the expected capacity factor for the proposed power plant from the 2003 Ten-Year Plan.

6. The type of fuel to be used for each proposed plant.

There are no changes on the type of fuel to be used for the proposed power plant from the 2003 Ten-Year Plan.

7. The plans' for any new facilities shall include a power flow and stability analysis report showing the effect on the current Arizona electric transmission system. Transmission owners shall provide the technical reports, analysis or basis for projects that are included for serving customer load growth in their service territories.

There are no changes or updates to the Interconnection System Impact Study completed in cooperation with Tucson Electric Power submitted with the 2003 Ten-Year Plan.

In the event you have any questions regarding the above and the attached report or would like additional information, please feel free to contact Dr. Gary Crane or myself at (602) 808-2004.

Sincerely,



Tom Wray
General Manager

Cc:

Ernest Johnson w attachments (Utility Director)

Jerry Smith w attachments (Utility Engineer)

Gary Crane w/o attachments (SWPG)

Laurie Woodall w/o attachments (Chairman, Siting Committee)

Lawrence V. Robertson w/o attachments (Munger Chadwick, PLC)

SOUTHWESTERN
Power Group II, LLC
An Energy Company - Alliance Builder

January 29, 2003

Ms. Colleen Ryan, Supervisor
Document Control Center
Arizona Corporation Commission
1200 West Washington
Phoenix, Arizona 85007

Re: Annual Ten-Year Plan For Bowie Power Station, L.L.C.

Dear Ms. Ryan:

Pursuant to A.R.S. 40-360.02, Bowie Power Station L.L.C. ("Bowie") hereby submits its Ten-Year Plan for the proposed 1000 MW natural gas-fired combined cycle power plant and double circuit 345 kV line associated with the Bowie Project. This letter follows the same organization specified in A.R.S. 40-360.02, which is provided in Attachment A. The Requirements within the revised statutes are formatted in italics, and are followed by Bowie's response in normal (non-italicized) type.

1. The size and proposed route of any transmission lines or location of each plant proposed to be constructed.

The Arizona Power Plant and Transmission Line Siting Committee granted Certificates of Environmental Compatibility (CEC) for both the power plant and transmission line aspect of the project on January 3, 2002. The Arizona Corporation Commission (Commission) confirmed these approvals on March 7, 2002. The approvals are docketed with the Commission in Case No. 118 (Docket L-00000BB-01-0118) as Decision No.'s 64625 and 64626. A description of the proposed power station and the transmission line is provided in Decision No.'s 64625 and 64626, respectively. The following excerpt is taken directly from each Decision to address Requirement "1" of the Ten-Year Plan.

Power Station- "A natural gas fired, combined cycle electric generating plant with an operating capability not to exceed a nominal site rating of 1000 megawatts (MW). The facilities shall consist of up to two (2) power blocks, each rated up to 500 MW nominal. Each power block shall consist of (i) two combustion turbine generators (CTG), (ii) two heat recovery steam generators (HRSG) and (iii) one steam turbine electric generator. The plant design may also incorporate supplementary or duct-firing of the HRSG for a given power block. The duct-firing design would be incorporated in the HRSG's. The power plant and supporting infrastructure shall be located in Section 28 and a portion of Section 29, Township 12 South, Range 28 East, G&SRB&M."

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Transmission Project- “ (i) a double-circuit 345 kV transmission line, which shall interconnect Applicant’s Bowie Power Station facilities with the Western Systems Coordinating Council (‘WSCC’) transmission grid at Tucson Electric Power Company’s (“TEP”) 345 kV Greenlee-Vail transmission line and Arizona Electric Power Company’s (“AEPCO”) 230 kV Red Tail-Dos Condados Transmission Line; and (ii) the new Willow 345/230 kV switchyard [Sec.14, T11S, R26E, G&SRB&M], through which the aforesaid interconnections will be accomplished. As testified to by the Applicant during public hearings, electric power and energy produced at the Bowie Power Station are intended primarily to serve Southeastern Arizona markets.

The double-circuit 345 kV transmission line hereby authorized shall originate at Applicant’s Bowie Power Station and follow the route proposed by Applicant in its Application for a distance of approximately 14.3 miles to the point of interconnection with the proposed Willow switchyard. In that regard, Applicant is further authorized to use a 2500’ wide corridor within which it will ultimately acquire up to a 250’ wide right-of-way for purpose of siting and construction of the line. Exhibit “A” to this Decision and Certificate sets forth a generalized narrative legal description of the routing hereby approved for the double-circuit 345 kV transmission line. Exhibit “B”, as attached hereto, consists of a map depicting the aforementioned 345 kV transmission line corridor.”

2. The purpose to be served by each proposed line or plant.

Bowie Power Station LLC will interconnect to the Western System Coordinating Council system via creation of the new Willow switchyard on the existing Tucson Electric Power Company’s (“TEP”) Greenlee-Vail 345 kV line. From Bowie to Willow, a double circuit 345 kV will be constructed utilizing steel monopoles over a linear distance of approximately 14.3 miles. Willow will be constructed for a breaker and a half scheme but be operated as a four-element ring bus for the first power block (nominal 525 MW including duct-firing) of the Bowie station. Phase II of Bowie (second nominal 525 MW including duct-firing) will add the additional element of the Springerville – Vail line subject to TEP’s two county rule financing situation.

This interconnection is intended to primarily serve markets in Southeastern Arizona (i.e. Tucson and the east valley of Phoenix) and secondarily markets at the Palo Verde Hub (California), the Mead Hub (California and Nevada) and New Mexico utilities.

3. The estimated date by which each transmission line or plant will be in operation.

A decision to grant the Aquifer Protection Permit for Bowie was made by the Arizona Department of Environmental Quality (ADEQ) on January 2, 2003 and a preliminary decision to grant the Air Quality Class I Permit was made November 6, 2002. A public Hearing for the air permit was held December 12, 2002 and it is expected that the Environmental Protection Agency will confirm ADEQ’s decision to grant the air permit in February 2003 after their technical review. The Cochise County Planning and Zoning

Commission approved a Special Use Permit for the Bowie site on September 11, 2002 and Cochise County Board of Supervisors unanimously approved the rezoning of the Bowie site to Heavy Industrial on September 24, 2002. Submittal of the 404 Application for both the lateral natural gas pipeline and transmission line to the U.S. Army Corps of Engineers is anticipated in February 2003.

After final approval of all applicable permits, construction will commence on the first 500 MW block phase in the 3rd quarter of 2003 and the second 500 MW block phase in the 3rd quarter of 2005. Following construction of each power block phase and synchronization of the turbines, Bowie anticipates commencing in-service commercial operation for the power station in the following time sequence:

Phase 1	4 th quarter 2005
Phase 2	4 th quarter 2007

The anticipated commercial in-service operation for the 345 kV and 230 kV transmission facilities associated with the power station will be no later than 4th quarter 2005.

4. The average and maximum power output measured in megawatts of each plant installed.

Bowie Power Station, LLC proposes to construct and operate a nominal 1,050-megawatt (MW) combined-cycle combustion turbine facility (50 MW for duct-firing). As noted above, this duct-firing feature was authorized in Decision No. 64625. Generally, Bowie will be operated to provide its maximum electrical output during the summer and winter peak periods when the demand for the electricity is highest. The combustion turbines may be shut down or operated at partial loads when the market demand for electricity will not support the full production of the generating facility.

5. The expected capacity factor for each proposed plant.

Bowie Power Station, LLC will be designed for base-load combined cycle operations with supplemental fired peaking capability and can be operated at any given time 24 hours per day, 7 days per week, 52 weeks per year. The facility is expected to have a capacity factor of 85% that will be determined by market factors, such a growth in energy demands and daily wholesale energy prices.

6. The type of fuel to be used for each proposed plant.

The source of natural gas supply for Bowie Power Station, LLC will be the El Paso Natural Gas (EPNG) system and will likely be from Line No. 2000 (All American Pipeline) located south of the site. The tap will be located approximately 4 & 1/2 miles from the facility metering point.

To date 230,000 MCF/day is flowing through Line 2000 with another 320,000 being added in 2004. Discussions on a fuel acquisition program and the lateral connection of the pipeline have commenced between EPNG and Bowie's engineering consultant.

7. The plans' for any new facilities shall include a power flow and stability analysis report showing the effect on the current Arizona electric transmission system. Transmission owners shall provide the technical reports, analysis or basis for projects that are included for serving customer load growth in their service territories.

In connection with the proposed transmission project of the Bowie Power Station, we are attaching (Attachment B) the Interconnection System Impact Study (revised December 4, 2002) completed in cooperation with the Tucson Electric Power Company (TEP). This report is under discussion with TEP and possibly may be further modified in the future in these discussions.

In the event you have any questions regarding the above and the attached report or would like additional information, please feel free to contact Dr. Gary Crane or myself at (602) 808-2004.

Sincerely,



Tom Wray
General Manager

Cc:

File
Ernest Johnson w attachments (Utility Director)
Jerry Smith w attachments (Utility Engineer)
Gary Crane w/o attachments (SWPG)
Laurie Woodall w/o attachments (Chairman, Siting Committee)
Larry Robertson w/o attachments (Munger Chadwick, PLC)

JAMES F. MUNGER
MICHAEL E. CHADWICK *
MICHAEL S. GREEN
KATHLEEN DELANEY WINGER
ELLYN PATRICK BOSS **
Laura P. Chiasson
JAMES D.Y. STEVENSON
** Also Admitted in Colorado*
*** Also Admitted in Washington State*

MICHAEL M. RACY (NON-LAWYER)
GOVERNMENT RELATIONS DIRECTOR
DIRECT LINE: (520) 906-4646

MREDITH LEYVA (NON-LAWYER)
PUBLIC RELATIONS MANAGEMENT

MUNGER CHADWICK, P.L.C.

ATTORNEYS AT LAW
A PROFESSIONAL LIMITED LIABILITY COMPANY
NATIONAL BANK PLAZA
333 NORTH WILMOT, SUITE 300
TUCSON, ARIZONA 85711
(520) 721-1900
FAX (520) 747-1550
MungerChadwick.com

PHOENIX APPOINTMENT ADDRESS:
5225 N. CENTRAL
SUITE 235
PHOENIX, ARIZONA 85012-1452
(602) 230-1850

OF COUNSEL
LAWRENCE V. ROBERTSON, JR.
ADMITTED TO PRACTICE IN:
ARIZONA, COLORADO, MONTANA,
NEVADA, TEXAS, WYOMING,
DISTRICT OF COLUMBIA

OF COUNSEL
MILLER, LA SOTA AND PETERS, P.L.C.
PHOENIX, ARIZONA

OF COUNSEL
OGARRIO Y DIAZ ABOGADOS
MEXICO, D.F., MEXICO
(LICENSED SOLELY IN MEXICO)

January 29, 2002

Arizona Corporation Commission
1200 West Washington
Phoenix, Arizona 85007

Attention: Nancy Cole, Supervisor Docket Control

Re: Bowie Power Station, L.L.C.
10-year Plan(s)

Dear Ms. Cole:

Pursuant to A.R.S. 40-360.02, Bowie Power Station L.L.C. ("Bowie") hereby submits its current 10-year plan for the proposed electric generating station and associated transmission lines which have been the subject of proceedings before the Arizona Power Plant and Transmission Line Sitting Committee ("Sitting Committee") and the Commission in Docket No. L-00000Y-01-0118 (Case No.118).

On January 3, 2002, the Chairman of the Sitting Committee issued recommended form(s) of Decision and Certificate of Environmental Compatibility ("CEC") in Case No. 118. Appendix "A" to this letter contains a copy of page 2 of the Decision and CEC which describe the proposed electric generating station facilities which Bowie proposes to construct. Appendix "B" to this letter contains a copy of pages 2 and 3 of the Decision and CEC, which describes the 345kv and 230kv transmission facilities associated with the Bowie Power Station¹. These descriptions are incorporated herein by reference.

¹ As indicated in a June 8, 2001 informational filing with the Commission, Bowie will not construct, own or operate these transmission lines. These lines will be owned and operated by a transmission service provider

The recommended form(s) of Decision and CEC are scheduled to be considered by the Commission at an Open Meeting on February 26, 2002. In the event the Commission approves the proposed sitings, Bowie currently anticipates the following commercial in-service operation dates for the Bowie Power Station:

Phase 1² 2nd Quarter 2004

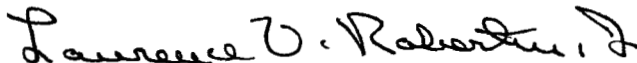
Phase 2 4th Quarter 2005

The anticipated commercial in- service date for the 345kv and 230kv transmission facilities associated with the power station are no later than the second quarter of 2004.

In connection with the proposed transmission facilities, and with reference to A.R.S.40-360.02 (C) (7) and a January 11, 2002 memorandum from the Commission's Utilities Director to Arizona Transmission Providers, attached is a copy of a July, 2001 Interconnection Power Flow Study submitted as an exhibit by Bowie in Case No. 118.

In the event you have any questions regarding the above and the attached report, or would like additional information, please contact Tom Wray at (602) 808-2004.

Very truly yours,



Lawrence V. Robertson, Jr.

LVR/jm

Cc: Ernest Johnson, Utilities Director
Tom Wray, General Manager

² Each phase consist of a 500MW (nominal) power block.

Appendix A

1	Mark McWhirter	Designee for Director of Energy Office of Arizona Department of Commerce
2	Patrick Schiffer	Designee for Director of Arizona Department of Water Resources
3		
4	Richard Tobin	Designee for Director of Arizona Department of Environmental Quality
5	Jeff McGuire	Appointed Member
6	Mike Palmer	Appointed Member
7	A. Wayne Smith	Appointed Member
8	Sandie Smith	Appointed Member
9	Margaret Trujillo	Appointed Member
10	Mike Whalen	Appointed Member
11		

12 The Applicant was represented by Lawrence V. Robertson, Jr. The Arizona Corporation
13 Commission ("Commission") staff was represented by Jason D. Gellman. Wayne Bryant appeared on
14 his own behalf as an individual intervenor.

15 At the conclusion of the public hearings, after consideration of (i) the Application and the
16 evidence presented during the public hearings, (ii) the closing arguments of the parties, and (iii) the
17 legal requirements of Arizona Revised Statutes §40-360 through §40-360.13 and A.A.C. R14-3-213,
18 upon motion duly made and seconded, by a 9-1 vote the Committee voted to grant the Applicant the
19 following Certificate.

20 Applicant is hereby granted a Certificate to site and construct the following facilities ("Project"):

21 A natural gas fired, combined cycle electric generating plant with an
22 operating capability not to exceed a nominal site rating of 1000
23 megawatts (MW). The facilities shall consist of up to two (2) power
24 blocks, each rated up to 500 MW nominal. Each power block shall
25 consist of (i) two combustion turbine generators (CTG), (ii) two heat
26 recovery steam generators (HRSG) and (iii) one steam turbine electric
27 generator. The plant design may also incorporate supplementary or
28 duct-firing of the HRSG for a given power block. The duct-firing
design would be incorporated in the HRSG's. The power plant and
supporting infrastructure shall be located in Section 28 and a portion of
Section 29, Township 12 South, Range 28 East, G&SRB&M.

27 As testified to by the Applicant during the public hearings, electric power and energy produced
28 at the Bowie Power Station are intended primarily to serve Southeastern Arizona markets. The

Appendix B

1	Mark McWhirter	Designee for Director of Energy Office of Arizona Department of Commerce
2		
3	Patrick Schiffer	Designee for Director of Arizona Department of Water Resources
4	Richard Tobin	Designee for Director of Arizona Department of Environmental Quality
5		
6	Jeff McGuire	Appointed Member
7	Mike Palmer	Appointed Member
8	A. Wayne Smith	Appointed Member
9	Sandie Smith	Appointed Member
10	Margaret Trujillo	Appointed Member
11	Mike Whalen	Appointed Member

12 The Applicant was represented by Lawrence V. Robertson, Jr. The Arizona Corporation
13 Commission ("Commission") staff was represented by Jason B. Gellman. Wayne Bryant appeared on
14 his own behalf as an individual intervenor.

15 At the conclusion of the public hearings, after consideration of (i) the Application and the
16 evidence presented during the public hearings, (ii) the closing arguments of the parties, and (iii) the
17 legal requirements of Arizona Revised Statutes § 40-360 through § 40-360.13 and A.A.C. R14-3-213,
18 upon motion duly made and seconded, by a 10-0 vote the Committee voted to grant the Applicant the
19 following Certificate.

20 Applicant is hereby granted a Certificate to site and construct the following facilities, as
21 requested in the Application: (i) a double-circuit 345 kV transmission line, which shall interconnect
22 Applicant's Bowie Power Station facilities with the Western Systems Coordinating Council ("WSCC")
23 transmission grid at Tucson Electric Power Company's ("TEP") 345 kV Greenlee-Vail transmission
24 line and Arizona Electric Power Company's ("AEP") 230 kV Red Tail-Dos Condados Transmission
25 Line; and (ii) the new Willow 345/230 kV switchyard [Sec. 14, T11S, R26E, G&SRB&M], through
26 which the aforesaid interconnections will be accomplished. As testified to by the Applicant during the
27 public hearings, electric power and energy produced at the Bowie Power Station are intended primarily
28 to serve Southeastern Arizona markets.

1 The double-circuit 345 kV transmission line hereby authorized shall originate at Applicant's
2 Bowie Power Station and follow the route proposed by Applicant in its Application for a distance of
3 approximately 14.3 miles to the point of interconnection with the proposed Willow switchyard. In that
4 regard, Applicant is further authorized to use a 2500' wide corridor within which it will ultimately
5 acquire up to a 250' wide right-of-way for purposes of siting and construction of the line. Exhibit "A"
6 to this Decision and Certificate sets forth a generalized narrative legal description of the routing hereby
7 approved for the double-circuit 345 kV transmission line. Exhibit "B", as attached hereto, consists of
8 a map depicting the aforementioned 345 kV transmission line corridor.

9 The authorized double-circuit 345 kV transmission line shall be designed and constructed on
10 single-pole or monopole structures. The monopole structures shall consist of dulled galvanized steel.
11 The conductors shall be non-specular. The spans between the transmission structures shall vary in
12 distance from 800' to 1100' depending upon conductor size, terrain and environmental mitigation
13 conditions at a given location.

14 The details of the aforementioned interconnections shall be the subject of contractual
15 arrangements to be entered into between the Applicant and TEP, and the Applicant and AEPCO,
16 respectively.

17 This Certificate is further granted upon the following conditions.

18 1. Applicant shall comply with all existing applicable air and water pollution control
19 standards and regulations, and with all existing applicable ordinances, master plans and
20 regulations of the State of Arizona, Cochise County and Graham County, the United
21 States of America, and any other governmental entities having jurisdiction.

22 2. A) Applicant shall make every reasonable effort to identify and correct, on a case-
23 specific basis, all complaints of interference with radio or television signals from
24 operation of the lines and related facilities. In addition to any transmission
25 repairs, and depending upon the circumstances, the relevant corrective actions
26 may include, adjusting or modifying receivers, adjusting or repairing, replacing
27 or adding antennas, antenna signal amplifiers, filters, lead-in cables, or other
28 corrective actions.